

# CT-5621E

## Multi-port ADSL2+ Router



### Description

Comtrend's CT-5621E ADSL2+ Router consists of four Ethernet ports and a USB Interface. The CT-5621E can operate in bridge or router mode, enabling several PCs to simultaneously access the Internet.

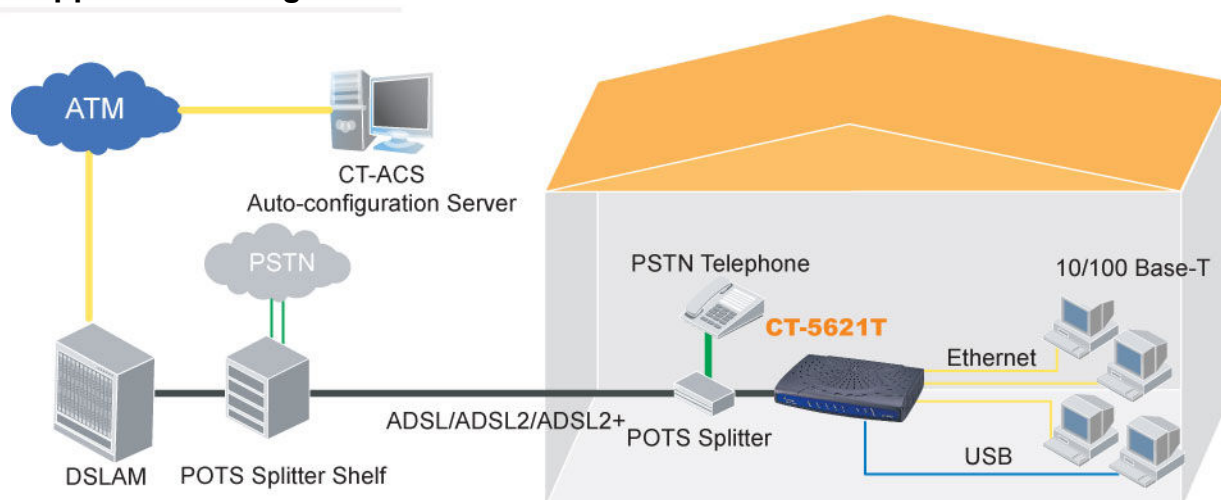
The CT-5621E protects all of your networked computers with advanced security technologies, such as Virtual Private Networks (VPNs) with PPTP passthrough, L2TP passthrough, IPSec passthrough, and Firewall.

TR-069 compliant CT-5621T is capable of auto configuration and remote management control via ACS, through a safe Internet connection, and TR-068 compliant panel also makes hardware installation more user friendly.

### Features

- UPnP
- IP/MAC address filtering
- Static route/RIP/RIP v2 routing functions
- Dynamic IP assignment
- IP QoS
- NAT/PAT
- IGMP Proxy
- DHCP Server/Relay/Client
- DNS Proxy
- Auto PVC configuration
- Per-VC packet level QoS
- Up to 8 VCs
- Embedded SNMP agent
- Web-based management
- Remote configuration and upgrade
- Configuration backup and restoration
- FTP/TFTP server
- TR-069
- TR-068

### Applications Diagram



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### Specifications

#### ADSL

ADSL standard ITU-T G.992.5, ITU-T G.992.3, ITU-T G.992.1, ANSI T1.413 Issue 2		
G.992.5 (ADSL2+)	Downstream : 24 Mbps	Upstream : 1.3 Mbps
G.992.3 (ADSL2)	Downstream : 12 Mbps	Upstream : 1.3 Mbps
G.DMT	Downstream : 8 Mbps	Upstream : 832 Kbps
Annex M		

#### Ethernet

Standard	IEEE 802.3, IEEE 802.3u
10/100 BaseT	Auto-sense
MDI/MDX support	Yes

#### ATM Attributes

RFC 2364 (PPPoA), RFC 2684 (RFC 1483) Bridge/Route; RFC 2516 (PPPoE); RFC 1577 (IPoA)	
Support PVCs	8
AAL type	AAL5
ATM service class	UBR/CBR/VBR
ATM UNI support	UNI3.1/4.0
OAM F4/F5	Yes

#### Management

TR-069, Telnet, Web-based management, Configuration backup and restoration  
Software upgrade via HTTP, TFTP server, or FTP server

#### Bridge Functions

Transparent bridging and learning	IEEE 802.1d
VLAN support	No (will support in the near future)
Spanning Tree Algorithm	Yes
IGMP Proxy	Yes

#### Routing Functions

Static route, RIP, and RIPv2, NAT/PAT, DHCP Server/DHCP Relay, DNS Proxy, ARP

#### Security Functions

Authentication protocols PAP, CHAP,  
TCP/IP/Port filtering rules, Port triggering/Forwarding, Packet and MAC address filtering, access control, SSH

#### Application Passthrough

PPTP, L2TP, IPSec, VoIP, Yahoo messenger, ICQ, RealPlayer, NetMeeting, MSN, X-box, etc.

#### OS Supported for USB driver

Windows 2000/XP/ME/98SE/Vista

#### Power Supply

External power adapter 110 Vac or 220 Vac

#### Environment Condition

Operating temperature	0 ~ 50 degrees Celsius
Relative humidity	5 ~ 95% (non-condensing)

#### Dimensions

200 mm (W) x 44 mm (H) x 136.5 mm (D); Kit Weight: 1.24kg

#### Certifications

FCC Part 15 class B, FCC Part 68, CE

Note: Specifications are subject to change without notice.

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